



Maldol

COMETTM

MODERN, MULTI-BAND ANTENNA SYSTEMS

MONO-BAND
DUAL-BAND
TRI-BAND
ACCESSORIES



COMET™

Maldol CREATE

DAIWA

This catalog represents the absolute latest, and most diverse Multi-band Antennas available to the modern Amateur Radio Operator. We're confident you will find our antennas and accessories will enable you to enjoy Amateur Radio to its fullest.

COMET developed the Super Linear Converter (SLC) to increase the actual gain of dual/tri-band antennas.



PHOTO A

- 1) A completely pre-formed phasing coil and phosphorous copper element eliminates additional components, and gain loss. (Photo A)
- 2) COMET sectional antennas use threaded ABS (transparent to RF) connecting joints for the finest radiation pattern and easiest assembly. (Photo B, C)

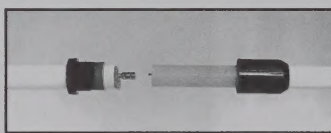
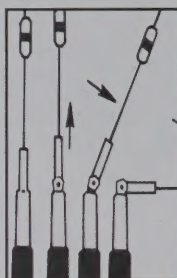


PHOTO B



PHOTO C

- 3) The SLC is electrically very efficient, providing a low angle of radiation directly to the horizon, for maximum performance.



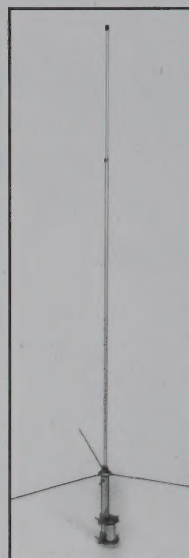
Fold-Over Feature
Comet mobile antennas over 24" in length have this feature.

Pull up on lower element and fold the antenna over for entering garages, parking structures, etc. Do not drive with the antenna folded over.



Indicates Fold-Over Feature

LOW POWER FM BROADCAST ANTENNAS

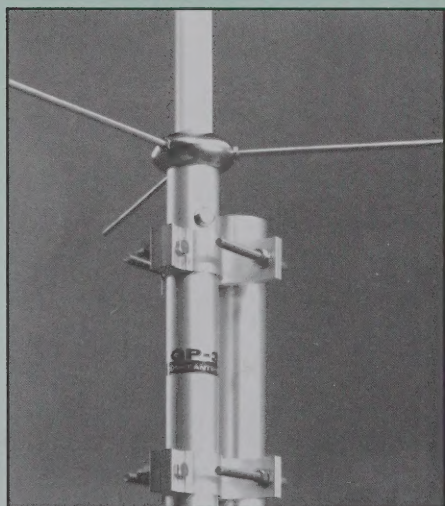


CFM-95SL
88-108MHz Tunable Antenna
Gain: 3.4dBi
Band-width: 4MHz after tuning
VSWR: 1.5:1 or less
Max Power: 200 watts
Height: 5 ft 6 inches min (88MHz)
7 ft 8 inches max (110MHz)
Weight: 2 lbs 7 oz
Connector: SO-239

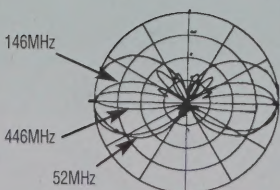


CD-95Y
88-108MHz Directional Antenna
Gain: 7-8dBi
Elements: 6
Polarization: V or H
F/B ratio: 15dB avg
-3dB E-Beamwidth: 60-70 deg
-3dB H-Beamwidth: 110-120 deg
VSWR: 1.5:1 or less
Max Power: 500 watts
Boom Length: 45"
Weight: 7 lbs 7 oz
Mounting Mast Dia: 1.5 - 2"
Connector: SO-239

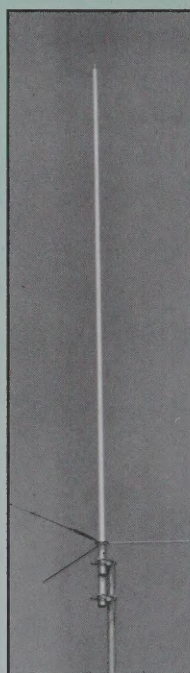
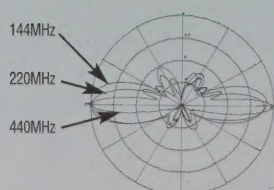
TRI-BAND BASE AND REPEATER ANTENNAS



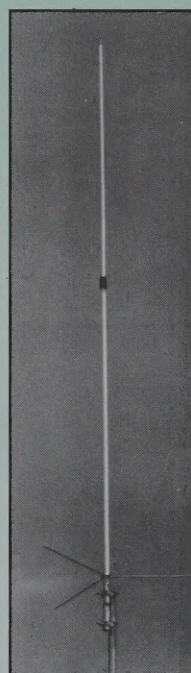
CX-333 Elevation Pattern



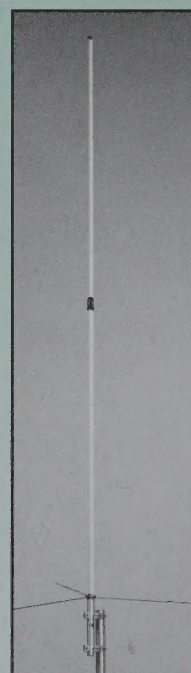
Elevation Pattern GP-15



GP-15
Tri-Band 52/146/446MHz
Gain & Wave:
52MHz 3.0dBi 1/2 wave
146MHz 6.2dBi 1/2 wave x 2
446MHz 8.6dBi 1/2 wave x 4
VSWR: 1.5:1 or less
Max Power: 150 watts
Length: 7' 11"
Weight: 3 lbs. 1 oz.
Connector: SO-239
Construction: Heavy-duty fiberglass, single piece



CX-333
Tri-Band 146/220/446MHz
Gain & Wave:
146MHz 6.5dBi 1/2 wave x 2
223MHz 7.8dBi 1/2 wave x 3
446MHz 9.0dBi 1/2 wave x 5
VSWR: 1.5:1 or less
Max Power: 120 watts
Length: 10' 4" Weight: 3 lbs. 8 ozs.
Connector: SO-239
Construction: Heavy-duty fiberglass, 2 sections



GP-98
Tri-Band 146/446/1200MHz
Gain & Wave:
146MHz 6.5dBi 1/2 wave x 2
446MHz 9.0dBi 1/2 wave x 5
1200MHz 13.5dBi 1/2 wave x 12
VSWR: 1.5:1 or less
Max Power: 150W/100W 1200MHz
Length: 9' 8"
Weight: 6 lbs. 10 ozs.
Connector: N-Type
Construction: Heavy-duty fiberglass, 2 sections

DUAL-BAND BASE AND REPEATER ANTENNAS

MULTI-BAND HF THRU 70cm

GP-6

DualBand 146/446MHz

Gain & Wave:

146MHz 6.5dBi 5/8 wave x 2

446MHz 9.0dBi 5/8 wave x 5

VSWR: 1.5:1 or less

Max Power: 200 watts

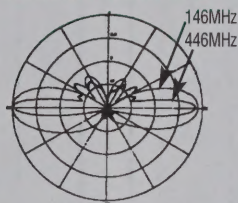
Length: 10' 2"

Weight: 3 lbs. 8 oz.

Connector: SO-239

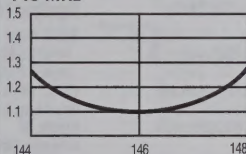
Construction: Heavy-duty fiberglass, 2 sections

Elevation Pattern GP-6

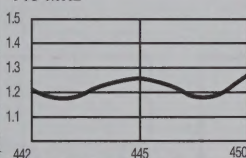


V. S. W. R. Characteristics:

146 MHz



446 MHz

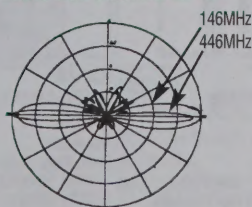


GP-9

COMET'S best selling 2M/70cm
Fixed-Station Antenna.

Featuring the COMET exclusive SLC System for maximum gain, and stable resonant frequencies. Wide band, and like all COMET Antennas, pre-tuned. Heavy-duty fiberglass and a compression washer within the ABS connecting joint prevents moisture/pollution contamination. Simply use the included stainless steel mounting brackets and your mast, and you're ready to experience incredible COMET DualBand performance!

Elevation Pattern GP-9



GP-9 (with SO-239 Conn) GP-9N (with N-Conn)

DualBand 146/446MHz

Gain & Wave:

146MHz 8.5dBi 5/8 wave x 3

446MHz 11.9dBi 5/8 wave x 8

VSWR: 1.5:1 or less

Max Power: 200 watts

Length: 16' 9"

Weight: 5 lbs. 11 oz.

Mounting to Mast Size: 1 1/4-2 1/2"

Connector: SO-239 or Female N-type

Construction: Heavy-duty fiberglass, 3 sections

HVU-8

Eight Band base station
antenna;

80/40/20/15/10/6/2M/70cm

Gain & Wave:

80-6M: 1/4 wave

146MHz: 1/2 wave 2.15dBi

446MHz: 5/8 wave x 2 5.5dBi

VSWR: 1.5:1 or less

Max Power:

HF: 200W SSB

6M -70cm 150W FM

Length: 8' 6" (approx)

Weight: 5' 7"

Connector: SO-259

The Maldol HVU-8 is a unique and ultra-compact HF, VHF and UHF antenna designed for confined or restricted space installations. The ground radial system is BUILT-IN on two collars. Each radial collar can be rotated 360 degrees to make mounting as easy as possible!

Typical 2:1 SWR Bandwidth:

80M 22kHz

40M 52kHz

20M 52kHz

15M 134kHz

10M 260kHz

NEW

GP-3

DualBand 146/446MHz

Gain:

146MHz 4.5dBi

446MHz 7.2dBi

VSWR: 1.5:1 or less

Max Power: 200 watts

Length: 5' 11"

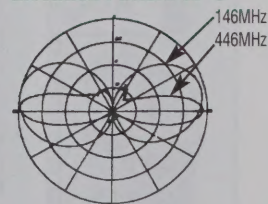
Weight: 2 lbs. 12 oz.

Mounting Mast Dia: 1 1/2-2 1/4"

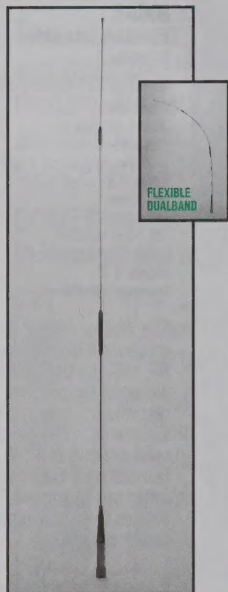
Connector: SO-239

Construction: Heavy-duty fiberglass

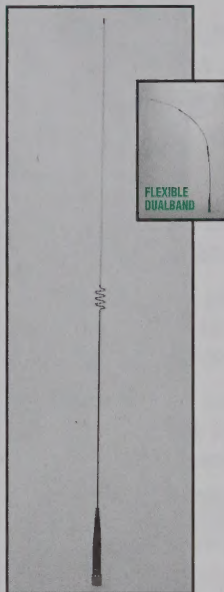
Elevation Pattern GP-3



DUAL-BAND MOBILE ANTENNAS



FLEXIBLE
DUALBAND



FLEXIBLE
DUALBAND

CHALLENGER SERIES

COMET's Newest Mobiles!

Sleek, Super-Flexible, Dark-Chrome Finish

C767 / C767NMO

Dualband 146/446MHz

Gain & Wave:
146MHz 3.5dBi 1/2 wave
Center Load
446MHz 6.0dBi 5/8 wave
x 2 Center Load

VSWR: 1.5:1 or less
Max Power: 80 watts
Length: 40 inches
Connector: PL-259 or NMO Style

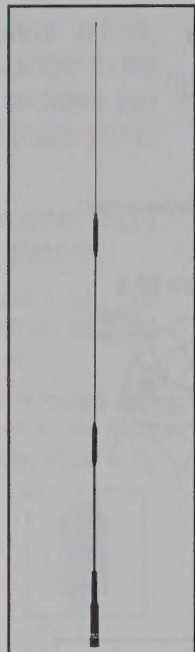


C757 / C757NMO

Dualband 146/446MHz

Gain & Wave:
146MHz 2.15dBi 1/2 wave
446MHz 5.5dBi 5/8 wave x 2

VSWR: 1.5:1 or less
Max Power: 80 watts
Length: 38 inches
Connector: PL-259 or NMO Style

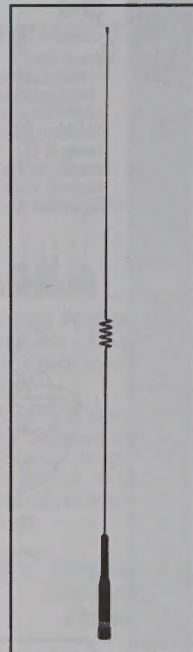


SBB-7/SBB-7NMO

Dualband 146/446MHz

Gain & Wave:
146MHz 4.5dBi 6/8 wave
center-load
446MHz 7.2dBi 5/8 wave x 3

VSWR: 1.5:1 or less
Max Power: 70W FM
Length: 55"
Connector: Gold-Plated PL-259
or NMO Style

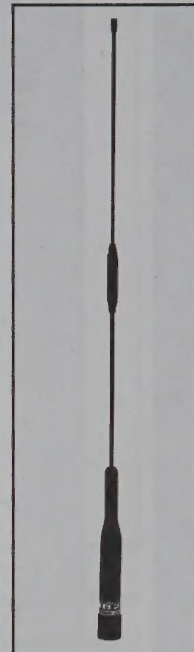


SBB-5/SBB-5NMO

Dualband 146/446MHz

Gain & Wave:
146MHz 3.0dBi 1/2 wave
446MHz 5.5dBi 5/8 wave x 2

VSWR: 1.5:1 or less
Max Power: 120W FM
Length: 38"
Connector: Gold-Plated PL-259
or NMO Style

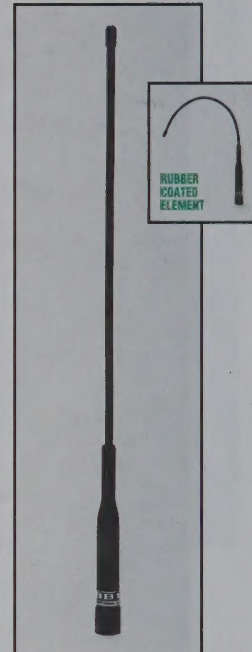


SBB-2/SBB-2NMO

Dualband 146/446MHz

Gain & Wave:
146MHz 2.15dBi 1/4 wave
446MHz 3.8dBi 5/8 wave

VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 18"
Connector: Gold-Plated PL-259
or NMO Style

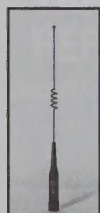


RUBBER
COATED
ELEMENT

SBB-1/SBB-1NMO

Flexible Dualband
146/446MHz

Gain & Wave:
146MHz 1.5dBi 1/4 wave
446MHz 2.15dBi 1/2 wave
VSWR: 1.5:1 or less
Max Power: 60 watts
Length: 16"
Connector: Gold-Plated PL-259 or NMO style



B-10/B-10NMO

Dualband 146/446MHz

Gain & Wave:
146MHz -dBi 1/4 wave
446MHz 2.15dBi 1/2 wave

VSWR: 1.5:1 or less
Max Power: 50 watts
Length: 12"
Connector: PL-259 or NMO Style
Construction: Black, cellular
look-a-like



M-24M (w/PL-259) M-24B (w/BNC)

146/446 MHz DualBand
Mag-Mount Antenna

Gain & Wave:
146MHz 1.7dBi 3/8 wave
446MHz 4.1dBi 1/4 + 5/8 wave
VSWR: 1.5:1 or less
Max Power: 80 watts
Length: 19.5"
Coax: RG-58A/U, 12 feet



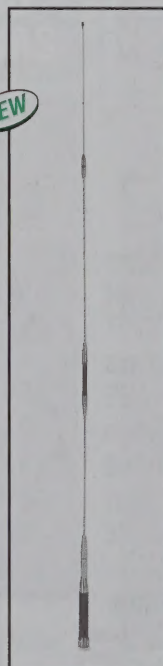
CA-2x4SR

WIDEBAND TX/RX

140-160MHz

435-465MHz

Gain & Wave:
146MHz 3.8dBi 5/8 wave
446MHz 6.2dBi 5/8 wave x 3
VSWR: 1.5:1 or less
140-160MHz 435-465MHz
Max Power: 150 watts
Length: 40"
Connector: PL-259

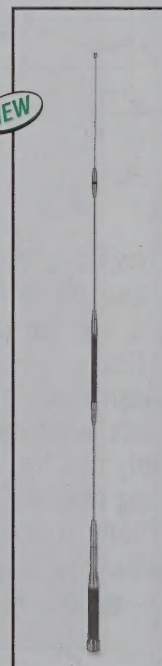


NEW

AX-95

DualBand Mobile
Antenna

146/446MHz
Gain & Wave:
146MHz 1/2 wave 3.3dBi
446MHz 5/8 wave x 2 5.8dBi
VSWR: 1.5:1 or less
Max Power: 60W
Length: 38"
Connector: Gold-plated
PL-259

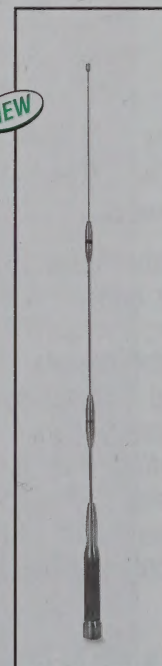


NEW

AX-75

DualBand Mobile
Antenna

146/446MHz
Gain & Wave:
146MHz 1/2 wave 3.2dBi
446MHz 5/8 wave x 2 5.7dBi
VSWR: 1.5:1 or less
Max Power: 60W
Length: 30"
Connector: Gold-plated
PL-259

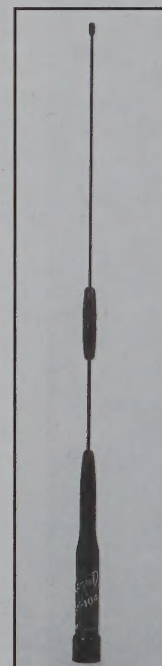


NEW

AX-50

DualBand Mobile
Antenna

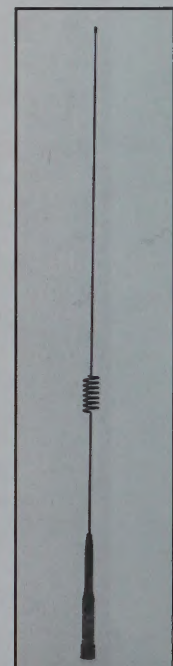
146/446MHz
Gain & Wave:
146MHz 1/4 wave 0dBi
446MHz 9/8 wave 5.0dBi
VSWR: 1.5:1 or less
Max Power: 60W
Length: 21"
Connector: Gold-plated
PL-259



EX-104B / EX-104BNMO

Dualband 146/446MHz

Gain & Wave:
146MHz 0dBi 1/4 wave
446MHz 3dBi 1/2 wave
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 15"
Connector: PL-259 or
NMO Style

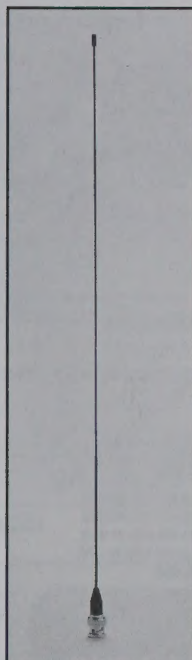


EX-107B / EX-107BNMO

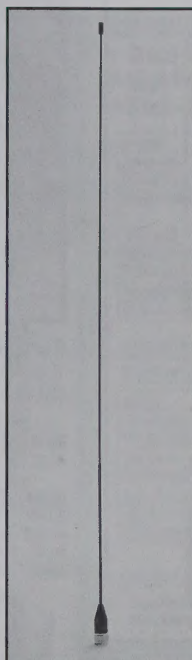
Dualband 146/446MHz

Gain & Wave:
146MHz 2.6dBi 1/4 wave
446MHz 4.93dBi 1/2 wave
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 29"
Connector: PL-259 or NMO

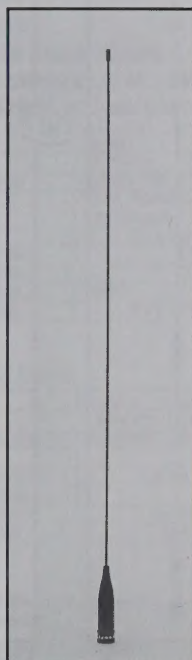
DUAL-BAND HT ANTENNAS



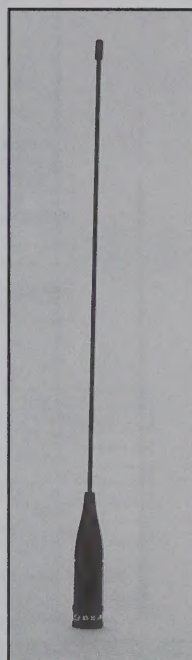
BNC-24
146/446MHz HT Antenna
Super flexible and lightweight
Gain & Wave:
146MHz 2.15dBi 1/4 wave
446MHz 3.5dBi 5/8 wave
Max Power: 20 watts
Length: 17"
Connector: BNC



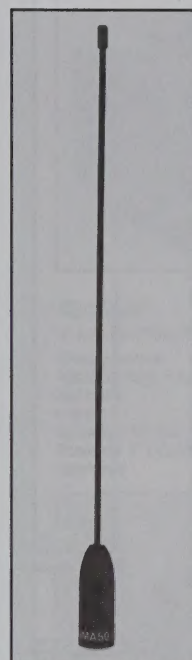
SMA-24
146/446MHz HT Antenna
Super flexible and lightweight
Gain & Wave:
146MHz 2.15dBi 1/4 wave
446MHz 3.5dBi 5/8 wave
Max Power: 20 watts
Length: 17"
Connector: SMA



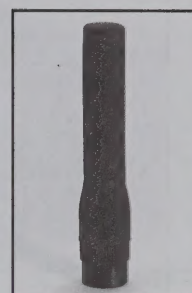
AS-30
146/446MHz HT Antenna
Gain & Wave:
146MHz 0dBi 1/4 wave
446MHz 2.15dBi 1/2 wave
Max Power: 10 watts
Length: 15 inches
Connector: SMA



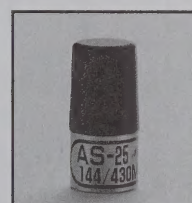
AS-20
146/446MHz HT Antenna
Gain & Wave:
146MHz 0dBi 1/4 wave
446MHz 0dBi 1/4 wave
Max Power: 10 watts
Length: 8.5 inches
Connector: SMA



SMA-503
146/446MHz HT Antenna
Gain & Wave:
146MHz 1/4 wave
446MHz 5/8 wave
Max Power: 10 watts
Length: 8.5"
Connector: SMA



MH-209/MH-209SMA
146/446 HT Antenna
Gain & Wave:
0dBi 1/4 wave
VSWR: 2:1 or less
Max Power: 5 watts
Length: 3"
Connector: MH-209 BNC
MH-209SMA SMA



AS-25
The world's smallest
146/446MHz Dualband HT
Antenna
Max Power: 5 watts
Length: 1"
Connector: SMA

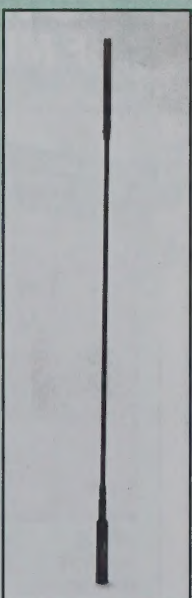
TRI-BAND HT ANTENNAS



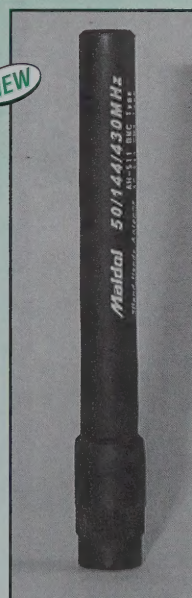
MH-610
146/220/446MHz HT Antenna
Gain & Wave:
146MHz 0dBi 1/4 wave
220MHz 1.8dBi 1/2 wave
446MHz 3.2dBi 5/8 wave
Max Power: 10 watts
Length: 14 inches
Connector: SMA



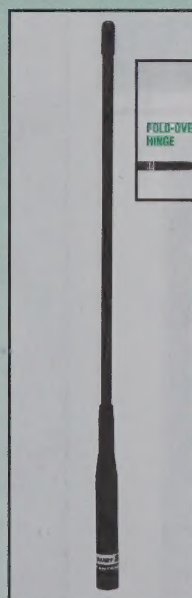
HT-224
146/220/446MHz HT Antenna
Gain & Wave:
146MHz 1.3dBi 1/4 wave
220MHz 1.4dBi 1/2 wave
446MHz 1.8dBi 5/8 wave
Max Power: 10 watts
Length: 11 inches
Connector: SMA



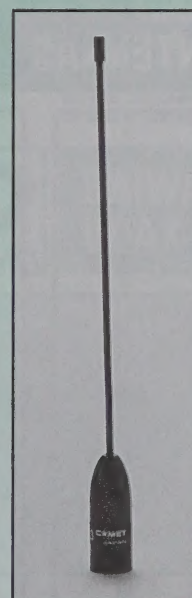
MH-510
52/146/446MHz Triband
HT Antenna
Gain & Wave:
50MHz 0dBi top load 1/4 wave
146MHz 0dBi 1/4 wave
446MHz 3.2dBi 5/8 wave
Max Power: 10 watts
Length: 20.5"
Connector: SMA



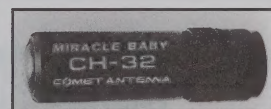
MH-511
52/146/446 Triband
HT Antenna
1/4 wave on all bands: 0 gain
Max Power: 10 watts
Length: 4.5"
Connector: SMA
A convenient alternative to the
stock triband antenna



SMA-3
146/446/900MHz HT Antenna
Wide Band Receive/
Scanner Use
Gain: 146MHz 1.2dBi
446MHz 1.7dBi
900MHz 3.4dBi
VSWR: 2:1 or less
Max Power: 10 watts
Length: 9.75"
Connector: Male SMA



SMA-703
146/446/1200MHz HT
Antenna
Gain & Wave:
146MHz 0dBi 1/4 wave
446MHz 0dBi 1/4 wave
1200MHz 3.4dBi 5/8 wave
Max Power: 10 watts
Length: 6.5 inches
Connector: SMA

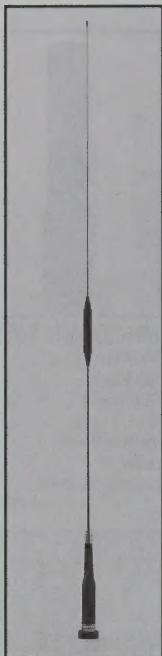


CH-32 (with BNC Conn)
SMA-501 (with SMA Conn)
Miracle Baby 146/446MHz
Compact Design, surprising performance!
Gain & Wave: 0dBi 1/4 wave
Max Power: 10 watts
Length: 1.75"
Connector: BNC or SMA



SMA-501
Miracle Baby 146/446MHz HT
Antenna, with an SMA Connector!
Surprising performance in a small
package.
Gain & Wave: 0dBi 1/4 wave
Max Power: 10 watts
Length: 1.75"
Connector: SMA Male

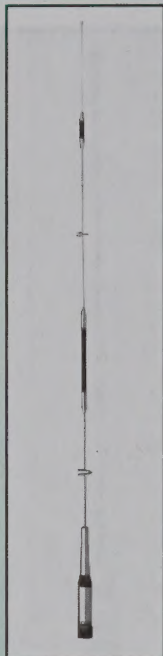
TRI-BAND MOBILE ANTENNAS



SBB-224/ SBB-224NMO

Tri-Band
146/220/446MHz

Gain & Wave:
146MHz 2.15dBi 1/4 wave
220MHz 3.5dBi 5/8 wave
446MHz 6.0dBi 5/8 wave x 2
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 36"
Connector: Gold-Plated
PL-259 or NMO Style



SB-97

Tri-Band Mobile
Antenna
146/446/1200MHz

Gain & Wave:
146MHz 3dBi 1/2 wave
446MHz 6.8dBi 5/8 wave x 2
1200MHz 9.6dBi 5/8 wave x 5
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 39"
Connector: N-Type



SB-15

Tri-Band Mobile
Antenna
50/146/446MHz

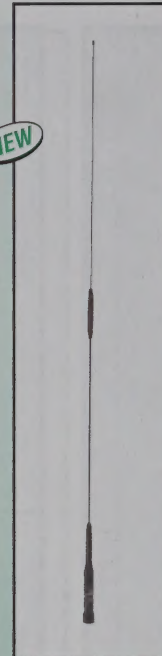
Gain & Wave:
52MHz 2.15dBi 1/4 wave
146MHz 4.5dBi 6/8 wave
center-loaded
446MHz 7.2dBi 5/8 wave x 3
VSWR: 1.5:1 or less
Max Power: 120 watts FM
Length: 61"
Connector: PL-259



SB-14

Tri-Band Mobile
Antenna
50/146/446MHz

Gain & Wave:
52MHz 0dBi 1/4 wave
146MHz 3.5dBi 1/2 wave
446MHz 6.0dBi 5/8 wave x 2
VSWR: 1.5:1 or less
Max Power: 120 watts
Length: 43"
Connector: PL-259

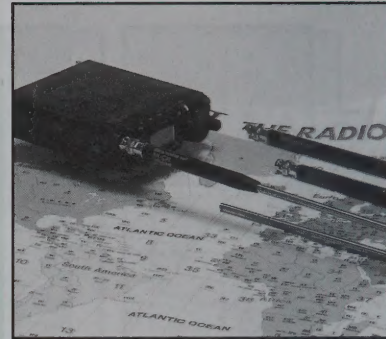


EX-510B/ EX-510BNMO

Tri-Band Mobile Antenna
52/146/446MHz

Gain & Wave:
52MHz 1/4 wave
146MHz 1/2 wave 2.15dBi
446MHz 5/8 wave x 2 5.5dBi
VSWR: 1.5:1 or less
Max Power: 50W FM
Length: 39"
Connector: PL-259 or
NMO Style

PORTABLE HF ANTENNAS



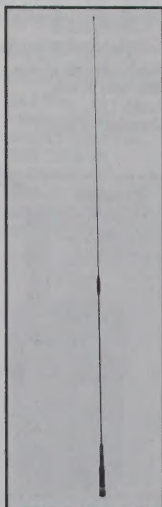
Portable HF Antennas

These antennas are 1/4 waves and require a ground wire for effective performance.

AH-14 20M telescoping 1/4 wave
AH-28 10M telescoping 1/4 wave

AH-C14 20M loading coil only, no whip
AH-C21 15M loading coil only, no whip
AH-C28 10M loading coil only, no whip
AH-C7 40 M loading coil only, no whip
AH-R Telescoping whip

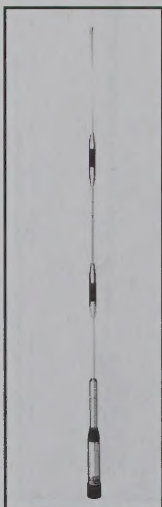
SINGLE-BAND MOBILE ANTENNAS



SBB-25/SBB-25NMO

144-148MHz

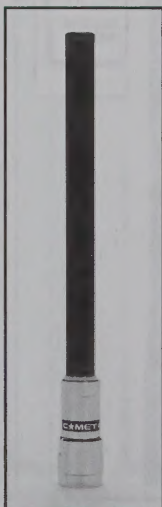
Gain & Wave:
4.1dBi 5/8 wave
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 57"
Connector: Gold-Plated
PL-259 or NMO Style



SB-123

1260-1300MHz

Gain & Wave:
7.2dBi 5/8 wave x 3
VSWR: 1.5:1 or less
Max Power: 50 watts
Length: 24"
Connector: N-Type



SF-D53N

5700-5900MHz

Gain & Wave: 5.5dBi 1/2 wave x 3
Max Power: 50 watts
Length: 7" (approx)
Connector: N-male



R-2000

Mobile Antenna
900-930MHz

Gain & Wave:
5.1dBi 5/8 wave x 2
VSWR: 1.5:1 or less
Max Power: 50 watts
Length: 19"
Connector: N-Type



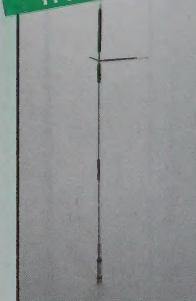
SF-245

Mono Band 2400MHz
Mobile Antenna

Gain & Wave:
7.4dBi 1/2 wave x 5
VSWR: 1.5:1 or less
Max Power: 50 watts
Length: 18"
Construction: Fiberglass
Connector: N-Type

MULTI-BAND HF MOBILE ANTENNA

For use with the
FT-100/NC-706MKIIG/
FT-847/etc.



UHV-6 HF/HF/UHF Mobile Antenna

Gain & Wave:
50MHz 0 1/4 wave
146MHz 2.15dBi 1/2 wave
446MHz 5.5dBi 5/8 wave x 2
HF bands are 1/4 waves, no gain
VSWR: >50 MHz 1.5:1 or less
<50 MHz 2:1 or less

Max Power:
>50MHz 200W SSB/100W FM
<50MHz 120 W SSB
Weight: 14.19 ozs
Length: 48" (min) 76" (max)
Connector: PL-259

UHV-6

The UHV-6 is popular for a number of reasons:

- It is very easy to mount, usually to an existing SO-239 type mount (Heavy Duty)
- It is small, compact, economical, and includes a fold-over hinge.
- The user defines the configuration. Without any coils added, it's a 6/2m/70cm tribander. You add the HF coils (40/15/10m are included) that you want to operate. It is designed to hold up to three of the smaller HF coils. Add the 80M coil by itself to keep the weight below its designed capacity. When stationary, all the coils can be added

- Typical 2:1 bandwidth
40M 17kHz 20M 25kHz
15M 125kHz 10M 750kHz
6M 3MHz



OPTIONAL HF COILS FOR UHV-6

L-3.5 80 meter coil
L-18 17 meter coil
L-14 20 meter coil

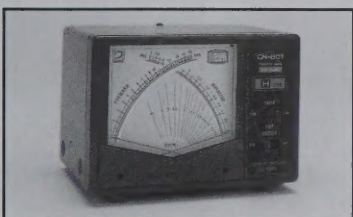


DAIWA POWER METERS

Cross-Needle SWR/Power meters from DAIWA, the company that developed the technology. Read forward power, reflected power and SWR simultaneously. Very accurate and easy to use.



CN-101



CN-801

CN-100 SERIES

- Cross-Needle Bench Meters
- High Performance in an economy meter
- Back-lit, DC jack on back panel

MODEL	CN-101	CN-103M/N
Frequency	1.8-150MHz	140-525MHz
Power Range: Forward	15/150/1.5 kW	20/200 kW
Power Rating	1.5 kW (1.8-60MHz) 1 kW (144MHz)	200 W (140-525MHz)
Tolerance	+/- 10% (at full scale)	
SWR Detection Sensitivity	4 W min	
Input/Output Impedance	50 OHM	
Input/Output Connectors	S0-239	S0-239/N Type
Dimensions & Weight	5" x 3" x 4"/1lb. 8ozs.	

CN-800 Professional Series

Model	CN-801H	CN-801V	CN-801S
Frequency	1.8-200MHz	140-525MHz	900-2500MHz
Power Range: Forward	20/200/2kW	20/200W	2/20W
Tolerance	+/- 10% at full scale		
SWR Detection Sensitivity	5 W min	0.5 W min	
Input/Output Impedance	50 OHM		
Input/Output Connectors	S0-239	N-type	
Dimensions & Weight	6.25" x 4.3" x 4.8"/2lbs. 3ozs.		

CMX-1

- Separate meter and remote sensor for convenient placement of the meter face
- Cross needle display provides FWD, REF and VSWR simultaneously
- Beautifully illuminated when connected to your power supply
- 6 ft cable included

Frequency Range: 1.8 - 60MHz
Measurable Range: 0-2000 watts
Power ranges: 30/300/2kW
Input Loss: Less than 0.2dB
Minimum power for SWR Measurement: Approx 6 watts

BR-200

Kuranishi Instruments
1.8-170MHz Antenna
SWR and Impedance Analyzer

The BR-200 is professional grade test equipment for measuring antenna properties without the need for a separate transmitter or SWR bridge. Battery or 12VDC operation.

Features

- Wide band, no drift oscillator
- Highly sensitive, high precision YOKOGAWA meter for measurement accuracy
- 50 Ohm dummy load included
- Low current drain provides long battery life
- Output Connector: S0-239

If you demand extremely accurate SWR and impedance measurements, the BR-200 will provide results you can have confidence in.



DAIWA SWITCHING POWER SUPPLY



SS-330W

30 Amp Switching Power Supply

30 amps continuous
Adjustable voltage: 5-15V
Dual meters
Built-in fan
Light weight: 4lbs 4ozs
Dimensions: 5" x 4" x 11"
Carry handle



SS-505

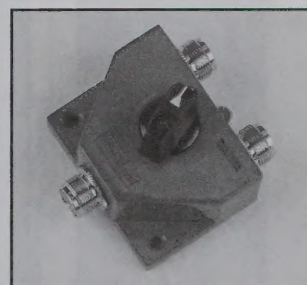
50 Amp Switching Power Supply

50 amps continuous (55A max)
50 amps available at ALL DC output voltages
Adjustable voltage: 5-15V
Dual purpose Amp/Voltage meter
Protection: Cut-off at 56 Amps
Automatic cooling fan
Voltage fluctuation: Less than 1.5%
Ripple voltage: Less than 5mV
Conversion ratio: 84% at 35 Amps
Power consumption: 920W
Dimensions: 9" w x 5" h x 12.5" d (approx)
Weight: 8lbs 4ozs

Binding posts on back panel, lighter socket and spring connectors on front panel. Carry handle and rubber cushions around the front and rear panels for portability



DAIWA COAX SWITCHES



Professionally engineered
Multi-cavity
Heavy-duty
diecast metal
Patented feature:
Unused circuits
are automatically
grounded

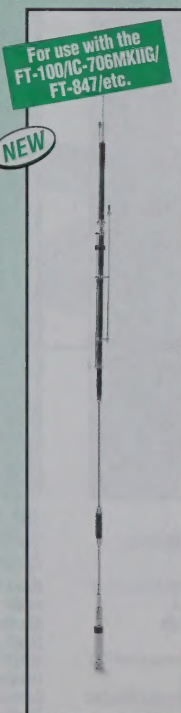
CS-201

MODEL	CS-201a	CS-201GII
Frequency Range (up to)	600MHz	2 GHz
Power Rating:	2.5 kW PEP 1 kW CW	1.5 kW CW (up to 30 MHz) 250 W CW (up to 1 GHz) 150W CW (up to 2 GHz)
VSWR	below 0.12	below 1:1.3 at 1.3 GHz
Insertion Loss	less than 0.2 dB	less than 1.2 dB at 1.2 GHz
Isolation	60 dB 600 MHz	50 dB 1 GHz
Connector	S0 239	Gold Plated N
Output Port	2	2



UHV-4
QuadBand
Mobile Antenna,
Tunable on 10M & 6M!

Gain & Wave:
10/6M: 1/4 wave 0 dBi
146MHz: 1/2 wave 2.15dBi
446MHz: 5/8 wave x 2 5.5dBi
VSWR: 1.5:1 or less
Max Power:
10M 120W SSB
6M 200W/100W FM
2M -70cm: 100W FM
Length: 54" (approx)
Weight: 1' 6"
Connector: PL-259



For use with the
FT-100/IC-706MKIIG/
FT-847/etc.

HMC-6S
Six-Band HF -70cm
Mobile Antenna
20/15/10/6/2/70cm
(standard)

Gain & Wave:
20/15/10M: 1/4 wave 0 dBi
146MHz: 1/2 wave 2.15dBi
446MHz: 5/8 wave x 2 5.5dBi
VSWR: 1.5:1 or less
Max Power:
20/15/10M 120W SSB
6/2M/70cm 150W FM
Length: 68" (approx)
Weight: 1' 12"
Connector: PL-259

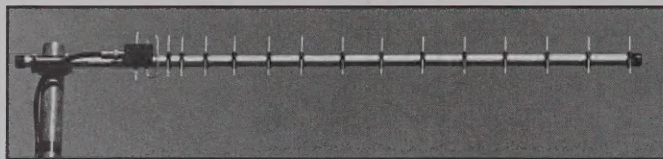
All vertical coil arrangement creates a sleeker design, more compact, less wind load mobile antenna.

- 10/15/6/2/70cm operation is constant.
- 20M coil is included and can be removed to add an additional HF coil.
- 40M optional coil: (HMC-7C) (additional HF optional coils to be available soon)
- Each HF coil tunes independently
- Fold-over hinge included

NEW

NEW

SINGLE-BAND BASE AND REPEATER ANTENNAS



CYA-1216E

16 Element Yagi Beam 1240-1300MHz

Gain: 16.6dBi

VSWR: 1.5:1 or less

Max Power: 100 watts

Polarization: Vertical or Horizontal

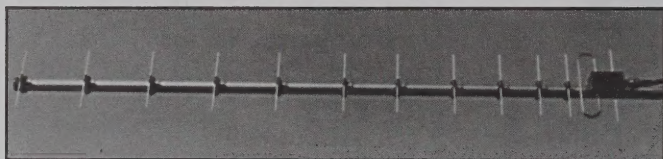
Length: 4' 5"

Weight: 2 lbs. 11 ozs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: N-Type

Construction: Aluminum, pre-assembled



PYA-913

13 Element Yagi 904-930MHz

Gain: 15.8dBi F/B ratio over 20dB

VSWR: 1.5:1 or less

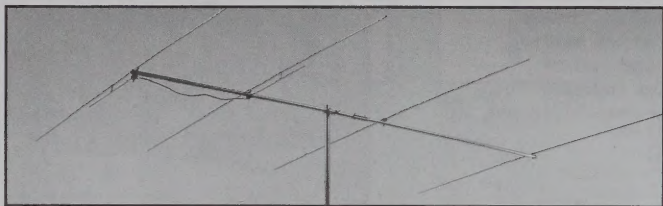
Max Power: 150 watts

Weight: 2 lbs. 11 ozs.

Length: 4' 8"

Connector: N-Type

Construction: Aluminum, pre-assembled



CA-52HB4

4 Element 6M Beam

Wide Band 50-54MHz

Gain: 10.4dBi

F/B: At least 40dB down

VSWR: 1.5:1 or less

Boom Length: 10' 6"

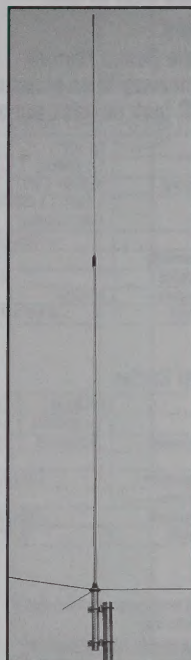
Weight: 4 lbs. 10 ozs.

Turning Radius: 7' 4"

Max Wind Speed: 75 MPH

Connector: SO-239

Construction: Aluminum w/ stainless steel hardware



CA-ABC22a

Mono Band 146MHz
Base/Repeater Antenna

Gain & Wave: 6.5dBi 1/2 wave x 2

VSWR: 1.5:1 or less

Max Power: 200 watts

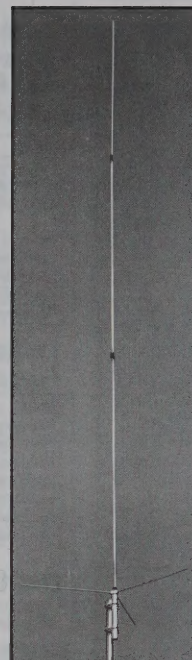
Length: 9' 5"

Weight: 2 lbs. 7 ozs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: SO-239

Construction: Aluminum, 2 sections



CA-ABC 23

Mono Band 146MHz
Base/Repeater Antenna

Gain & Wave: 7.8dBi 1/2 wave x 3

VSWR: 1.5:1 or less

Max Power: 200 watts

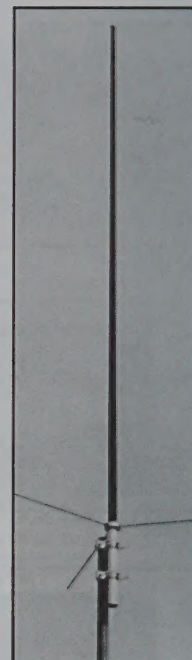
Length: 13' 4"

Weight: 3 lbs. 8 ozs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: SO-239

Construction: Aluminum, 3 sections



CA-F22GF

VHF Base Antenna w/Cutting Chart.
User tunable for operation between
136-175MHz. After tuning, 4MHz
Bandwidth.

Gain: 5.5dBi

VSWR: 1.5:1 or less

Max Power: 150 watts

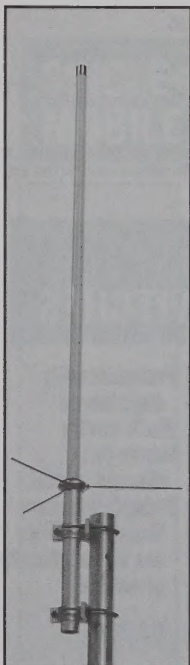
Length: 8' 10"

Weight: 2 lbs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: SO-239

Construction: Two-piece fiberglass



CA-F72GF

UHF Base Antenna w/Cutting Chart.
User tunable for operation between
440-512MHz. After tuning, 10MHz
Bandwidth.

Gain: 5.5dBi VSWR: 1.5:1 or less

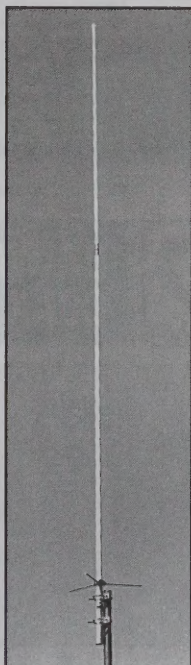
Max Power: 150 watts

Length: 3' 6" Weight: 1 lb. 14 ozs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: N-Type

Construction: Single-piece fiberglass



CA-712EF

Mono Band 440-450MHz
Base/Repeater Antenna

Gain & Wave: 9dBi 1/2 wave x 12

VSWR: 1.5:1 or less

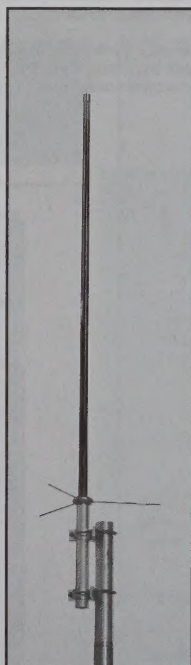
Max Power: 200 watts

Length: 10' 5" Weight: 3 lbs.

Mounting Mast Dia: 1 1/2-2 1/2"

Connector: N-Type

Construction: Heavy-duty fiberglass,
2 sections



CFC-771

Base/Repeater Antenna
900-930MHz

Gain & Wave: 7.1dBi 5/8 wave x 7

VSWR: 1.5:1 or less

Max Power: 50 watts

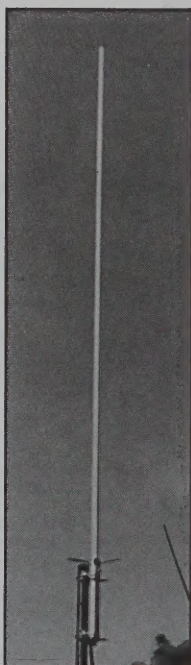
Length: 4' 5"

Weight: 1 lbs. 8 ozs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: N-Type

Construction: Single-piece fiberglass



KP-20

Base/Repeater Antenna
900-930MHz

Gain & Wave: 9.2dBi 1/2 wave x 19

VSWR: 1.2:1 or less

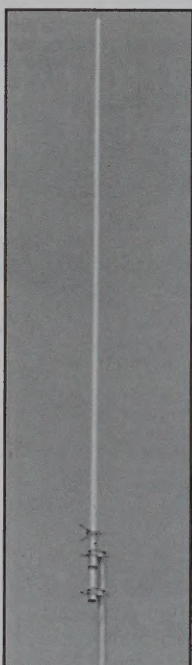
Max Power: 100 watts

Length: 7' 4"

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: N-Type

Construction: Single-piece fiberglass



GP-21

Mono Band 1240-1300MHz
Base/Repeater Antenna

Gain & Wave: 14.9dBi 1/2 wave x 21

VSWR: 1.5:1 or less

Max Power: 100 watts

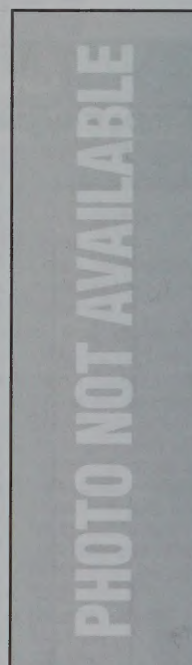
Length: 8'

Weight: 2 lbs. 8 ozs.

Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: N-Type

Construction: Single-piece fiberglass



GH-50

50MHz Base/Repeater Antenna
Radioless Design

Gain & Wave: 2.15dBi 1/2 wave

VSWR: 1.5:1 or less (500KHz Band-width, tunable)

Max Power: 120 watts SSB-60 watts FM

Length: 7' 8"

Weight: 2 lbs. 10 ozs.

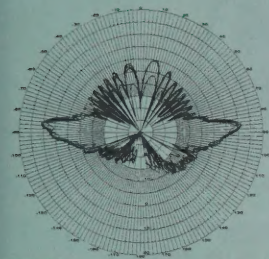
Mounting Mast Diameter: 1 1/4-2 1/2"

Connector: SO-239

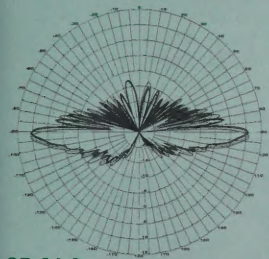
Construction: Single-piece fiberglass

PHOTO NOT AVAILABLE

802.11B/LAN ANTENNAS



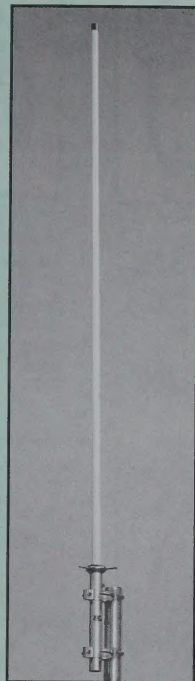
GP-24
Elevation Pattern



GP-24-3
3 Degree Downtilt
Elevation Pattern

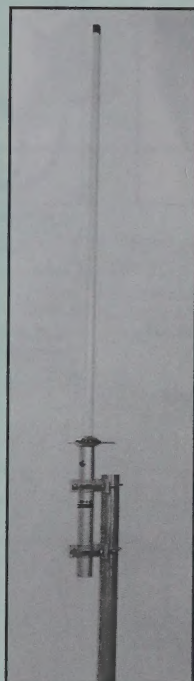
GP-24-3

Wi-Fi/Access Point Antenna
Same as GP-24 except with a 3
Degree Downtilt



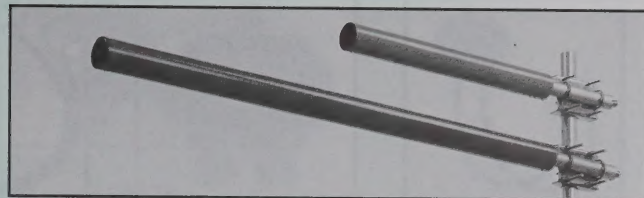
GP-24

Wi-Fi/Access Point Antenna
Gain & Wave: 15.4dBi 1/2 wave x 22
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 5'10"
Weight: 2 lbs.
Connector: N-Type
Construction: Single-piece fiberglass



GP-24S

Wi-Access Point Antenna
Gain & Wave: 9.9dBi 1/2 wave x 13
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 3' 7"
Weight: 1 lbs. 6 ozs.
Connector: N-Type
Construction: Single-piece fiberglass



CYA-2414

14 Element Yagi 2400-2500MHz
Gain: 15.5dBi F/B ratio over 18dB
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 2' 6" Weight: 1 lb.
Connector: N-Type
Construction: Fiberglass radome

X2427

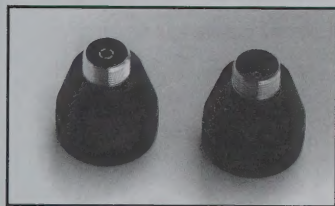
27 Element Yagi 2400-2500MHz
Gain: 21dBi F/B ratio over 25dB
VSWR: 1.5:1 or less
Max Power: 100 watts
Length: 5' Weight: 1 lb. 12 ozs.
Connector: N-Type
Construction: Fiberglass radome



FL-2401A

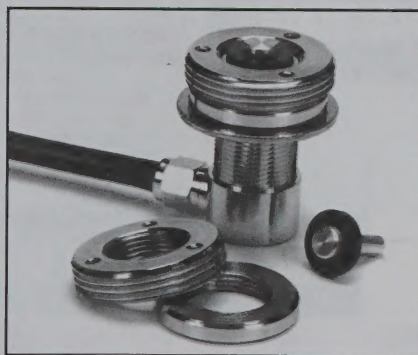
2400-2500MHz Flat Panel Antenna
Gain: 9dBi
VSWR: 1.5:1 or less
Max Power: 4 watts
Wind Load: 19 sq in
Dim: 4.5" x 4.2" x 1" (approx)
Cross Polar Rejection: 30dB
F/B ratio: 20dB
3deg beamwidth (vert polarized)
Elev: 60 deg • Hzt: 50 deg
Conn: N-female
Mounting bracket included

ADAPTERS



AD-10N AD-15M

AD-10N: NMO to N-female adapter
AD-15M: NMO to SO-239 adapter



AD-25M

AD-25M: SO-239 to NMO adapter



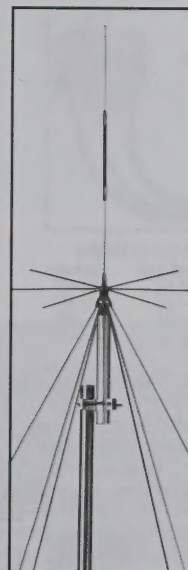
HS-05

HS-05: PL-259 to SMA-male 18"
adapter/jumper

HM-05

HM-05: PL-259-BNC 18"
adapter/jumper

DISCONE ANTENNA

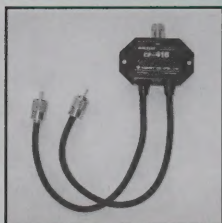


DS-150S

Extremely wideband Scanner/Receive antenna.
Includes 65 feet of RG-58A/U coax with PL-259
connectors installed

RX: 25-1300MHz
TX: 6M/2M/440/900/1200MHz
Length: 4'8"
Max Power: 100 watts
Weight: 3lbs 3oz (without coax)
Connector: SO-239

DUPLEXERS



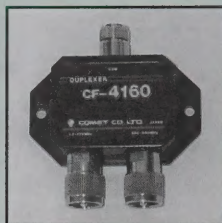
CF-416A, 416B, 416C

Band Pass	Ins. Loss	Max Power
1.3-170MHz	0.15dB	800w PEP
350-540MHz	0.25dB	500w PEP

Isolation: 60dB

CONNECTORS:

	CF-416A	CF-416B	CF-416C
Output:	SO-239	SO-239	N-Female
Low In:	PL-259	PL-259	PL-259
High In:	PL-259	N-Male	N-Male



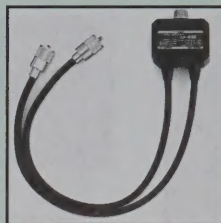
CF-4160K, 4160I, 4160J

Band Pass	Ins. Loss	Max Power
1.3-170MHz	0.1dB	800w PEP
350-540MHz	0.2dB	500w PEP

Isolation: 60dB

CONNECTORS:

	CF-4160K	CF-4160I	CF-4160J
Output:	SO-239	SO-239	SO-239
Low In:	PL-259	PL-259	SO-239
High In:	PL-259	N-Male	SO-239



CF-416W

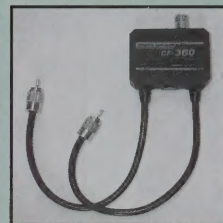
Multi-Option Duplexer 2M/440MHz – 220MHz/440MHz – 2M/440-1200MHz

Band Pass	Ins. Loss	Max Power
1.3-250MHz	.2dB	400w PEP
400-1400MHz	.25-.3dB	200w PEP

Isolation: 30dB

CONNECTORS:

	Low In:	High In:
Output:	N-Female	N-Male
	PL-259	



CF-360A

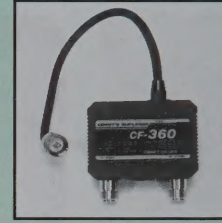
HF/6M-440MHz Duplexer

Band Pass	Ins. Loss	Max Power
1.3-30MHz	0.2dB	600w PEP
49-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Low In:	High In:
Output:	SO-239	PL-259
		PL-259



CF-360B

HF/6M-440MHz Duplexer

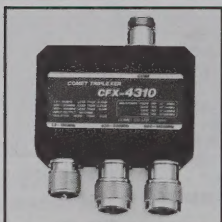
Band Pass	Ins. Loss	Max Power
1.3-30MHz	0.2dB	600w PEP
49-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Low In:	High In:
Output:	PL-259	SO-239
	SO-239	SO-239

TRIPLEXERS



CFX-4310C

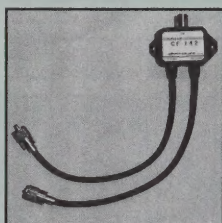
146/446/1200MHz

Band Pass	Ins. Loss	Max Power
1.3-60MHz	0.15dB	1000w PEP
100-150MHz	0.25dB	800w PEP
350-500MHz	0.25dB	500w PEP
840-1.4GHz	0.3dB	200w PEP

Isolation: 50dB

CONNECTORS: CFX-4310C

Output:	N-Female
Low In:	PL-259
Mid In:	PL-259
High In:	N-Male



CF-142

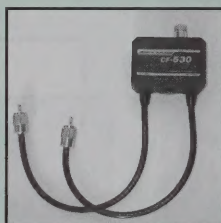
146/220MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	600w PEP
200-480MHz	0.3dB	400w PEP

Isolation: 40dB

CONNECTORS:

	Low In:	High In:
Output:	SO-239	PL-259
	PL-259	PL-259



CF-530

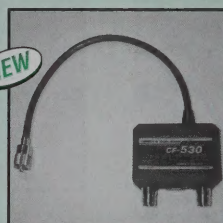
HF/6M/2M-70cm Duplexer
For the IC-706/MKII/G FT-100

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	600w PEP
125-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Low In:	High In:
Output:	SO-239	PL-259
	PL-259	PL-259



CF-530C

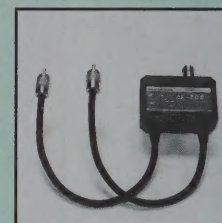
HF/6M/2M-70cm Duplexer
for the FT-8900

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	600w PEP
125-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Low In:	High In:
Output:	PL-259	SO-239
	SO-239	SO-239



CF-706A

HF/6M/75MHz-70cm Duplexer
For the IC-706/MKII/G FT-100

Band Pass	Ins. Loss	Max Power
1.3-57MHz	0.4dB	350w PEP
75-550MHz	0.4dB	350w PEP

Isolation: More than 40dB

CONNECTORS:

	Low In:	High In:
Output:	SO-239	PL-259
	PL-259	PL-259



CFX-514J

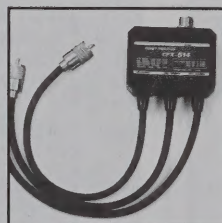
50/146/446MHz

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.15dB	800w PEP
130-200MHz	0.2dB	800w PEP
380-500MHz	0.25dB	500w PEP

Isolation: 55dB

CONNECTORS:

	Low In:	Mid In:	High In:
Output:	SO-239	SO-239	SO-239
	SO-239	SO-239	SO-239



CFX-514

50/146/446MHz

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	800w PEP
130-200MHz	0.25dB	800w PEP
380-500MHz	0.3dB	500w PEP

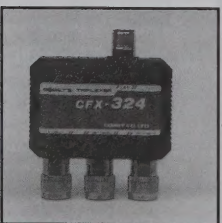
Isolation: 55dB

CONNECTORS:

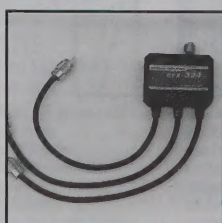
	Low In:	Mid In:	High In:
Output:	SO-239	PL-259	PL-259
	PL-259	PL-259	PL-259

CFX-514N: Has an N-Conn on 70cm.

CFX-5140: Same as CFX-514, but with out coax leads.



CFX-324B



CFX-324A

146/220/446MHz Triplexer

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	600w PEP
200-320MHz	0.25dB	600w PEP
390-500MHz	0.3dB	600w PEP

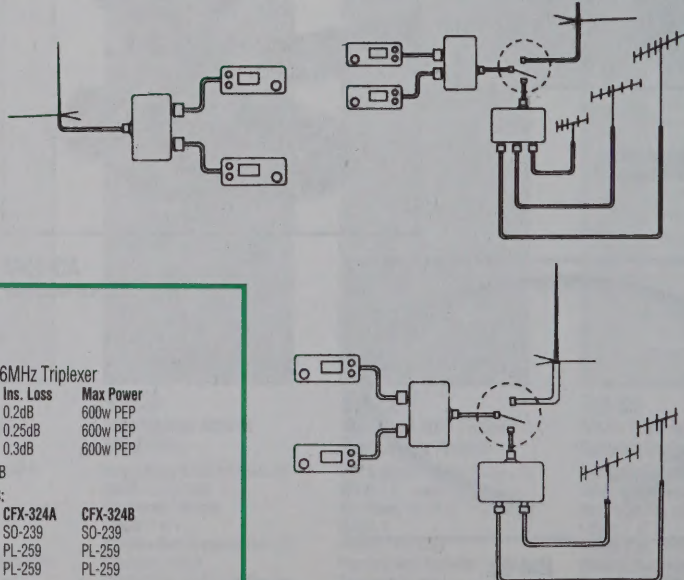
Isolation: 40dB

CONNECTORS:

	CFX-324A	CFX-324B
Output:	SO-239	SO-239
Low In:	PL-259	PL-259
Mid In:	PL-259	PL-259
High In:	PL-259	PL-259

DIAGRAMS

The following illustrations demonstrate the wide uses of COMET Duplexers, Triplexers, and Coax Switches. Their high-power capabilities and quality construction will enhance your stations performance.



MOBILE MOUNTS INCLUDING COAX



CP-5M

Universal lip mount w/cable

3 adjustment planes, 4 set screws, holds up to 70" antenna. Use on trunk lids, van doors, truck doors, hoods etc. Rubber coated base. Fits over virtually any lip 1/4" thick or less. Includes 16'9" of deluxe cable with 18" of mini RG-188A/U style coax for easy entry thru the weather seal. Terminates in 24k gold plated PL-259 connectors



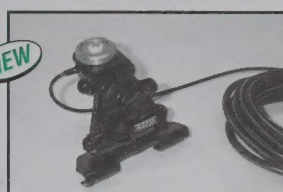
CP-5 3/8-24

Universal lip mount w/cable, 3/8x24 threaded socket

3 adjustment planes, 4 set screws, holds up to 70"/1 lb antenna. Use on trunk lids, van doors, truck doors, hoods, etc. Rubber coated base. Fits over virtually any lip 1/4" thick or less. Includes 16'9" of deluxe cable with 18" of mini RG-188A/U style coax for easy entry thru the weather seal. Terminates in 24k gold plated PL-259.

Max Power:

HF: 200W VHF: 75 watts UHF: 50 watts



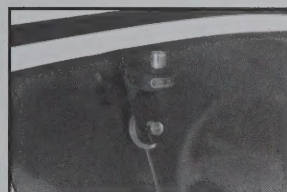
CP-5NMO

Universal lip mount w/cable, NMO connector

3 adjustment planes, 4 set screws, holds up to 70"/1 lb antenna. Use on trunk lids, van doors, truck doors, hoods, etc. Rubber coated base. Fits over virtually any lip 1/4" thick or less. Includes 16'9" of deluxe cable with 18" of mini RG-188A/U style coax for easy entry thru the weather seal. Terminates in a 24k gold plated PL-259 connector.

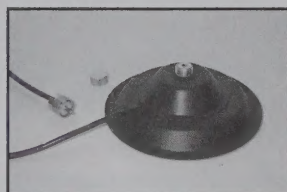
Max Power:

HF: 200W VHF: 75 watts UHF: 50 watts



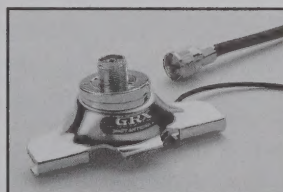
WS-1M

Fully adjustable window clip mount. Low-loss coax, gold-plated connectors. Max antenna height: 40 inches. PL-259/SO-239 Connectors.



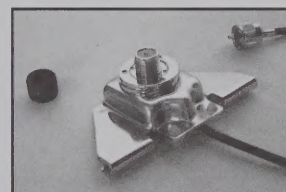
CM-5M

4.5" magnet mount with SO-239/PL-259 connectors. 16'9" of RG-58/A coax



GR-5M

Deluxe Trunk Mount w/Cable. A low-profile trunk mount w/16 feet 9 inches very low loss cable 18 inches of RG-188 teflon cable for easy trunk entry. Gold-plated UHF (PL-259/SO-239) connectors.

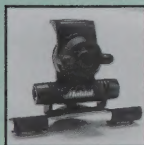


CT-5M

Standard Trunk Mount. A low-profile trunk lip mount w/16.5 feet of RG-58U cable included. 2 offset washers rotate to adjust the antenna to vertical position. Rubber coated base protects vehicle paint. SO-239 and PL-259 connectors.

MOBILE MOUNTING BRACKETS (NO COAX)

The below lip mounts will fit over virtually ANY lip on a vehicle that is 1/4" thick or less. Rear van and SUV doors, trunk lids, rear truck doors, hoods etc. Simply choose the mount appropriate for the size antenna you are using. They hold to the edge with set-screws which also grounds the mount to the vehicle, and have rubber coating on the base to prevent paint damage. Add the desired cable assembly from below.



PRM-T

Heavy-duty, 3 adjustment planes, up to 80" antenna



RS-730

Heavy-duty 3 adjustment planes, up to 70" antenna



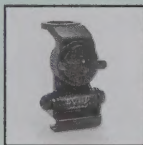
RS-720/RS-720NMO

Med-duty, 3 adjustment planes, up to 60" antenna. The RS-720NMO has a 3/4" hole to accept an NMO mount.



RS-520

Light duty, 3 adjustment planes, up to 45" antenna



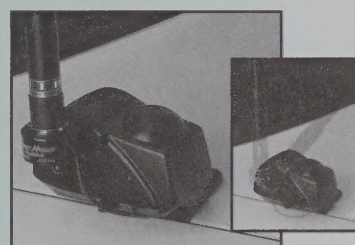
EM-B80

Light-Duty, 2 adjustment planes, up to 40" antenna



RS-560C

Heavy-duty roof rack/pole clamp mount. Max opening: 1 7/8"x1 7/8"



MK-30H

12VDC motorized mount for trunks/hatch-backs, rear van doors etc. Heavy Duty motor provides convenient lowering/raising of a mobile antenna. Approximately 17 feet of wire allows the up/down switch to be located within the drivers reach. Recommended for antennas up to 70" and weighing 1lb. 3oz. or less. Rubber coated base avoids scratches. Coax cable not included.

MOBILE COAX CABLE ASSEMBLIES

Use these cable assemblies in any of the above mounting brackets, or to insert in a 5/8" hole for permanent mounting. Choose the length and type of coax that fits your needs. Please Note: Comet and Maldol specialize in "no holes to drill mounting solutions". They tune their antennas for best VSWR when mounted on a lip mount.



CR-5M

Standard Cable Assembly 16 feet 9 inches of RG-58/U coax with UHF (PL-259/SO-239) connectors



5D4N

13 feet of extremely low loss coax. Gold-plated N-type connectors. Recommended up to 2400MHz.



3D4M

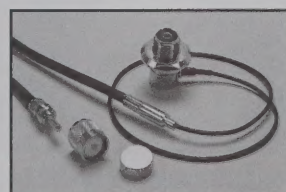
Standard Cable Assembly. 13 feet of low loss coax. Gold-plated UHF (PL-259/SO-239) connectors.

3D5M

Standard Cable Assembly. Same as 3D4M, but 16 feet 9 inches of coax.

3D4N

Standard Cable Assembly with N-Connectors. Recommended to 900MHz. 13 feet low loss coax



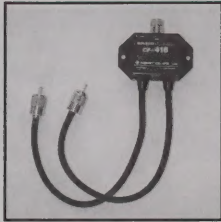
CK-3M

Deluxe Cable Assembly. 10 ft. total length including 18 inches of RG-188 teflon coax for easy entry from a lip-mount, without causing wind noise, coax damage or water leaks. Gold-Plated UHF (SO-239/PL-259) connectors.

CK-3M5

Deluxe Cable Assembly. Same as CK-3M, but 16 feet 9 inches of coax.

DUPLEXERS



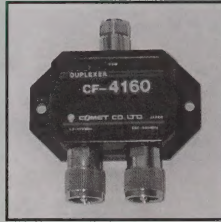
CF-416A, 416B, 416C

Band Pass	Ins. Loss	Max Power
1.3-170MHz	0.15dB	800w PEP
350-540MHz	0.25dB	500w PEP

Isolation: 60dB

CONNECTORS:

	CF-416A	CF-416B	CF-416C
Output:	SO-239	SO-239	N-Female
Low In:	PL-259	PL-259	PL-259
High In:	PL-259	N-Male	N-Male



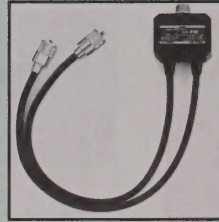
CF-4160K, 4160I, 4160J

Band Pass	Ins. Loss	Max Power
1.3-170MHz	0.1dB	800w PEP
350-540MHz	0.2dB	500w PEP

Isolation: 60dB

CONNECTORS:

	CF-4160K	CF-4160I	CF-4160J
Output:	SO-239	SO-239	SO-239
Low In:	PL-259	PL-259	SO-239
High In:	PL-259	N-Male	SO-239



CF-416W

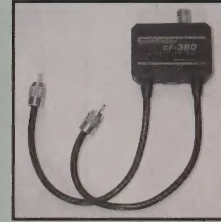
Multi-Option Duplexer 2M/440MHz - 220MHz/440MHz - 2M/440-1200MHz

Band Pass	Ins. Loss	Max Power
1.3-250MHz	.2dB	400w PEP
400-1400MHz	.25-3dB	200w PEP

Isolation: 30dB

CONNECTORS:

	Low In:	High In:
Output:	N-Female	N-Male
Low In:	PL-259	N-Male



CF-360A

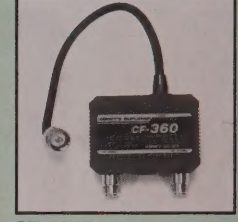
HF/6M-440MHz Duplexer

Band Pass	Ins. Loss	Max Power
1.3-30MHz	0.2dB	600w PEP
49-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Low In:	High In:
Output:	SO-239	PL-259
Low In:	PL-259	PL-259



CF-360B

HF/6M-440MHz Duplexer

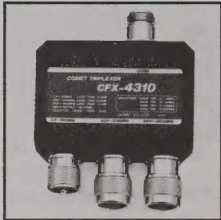
Band Pass	Ins. Loss	Max Power
1.3-30MHz	0.2dB	600w PEP
49-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Low In:	High In:
Output:	PL-259	SO-239
Low In:	SO-239	SO-239

TRIPLEXERS



CFX-4310C

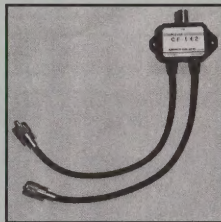
146/446/1200MHz

Band Pass	Ins. Loss	Max Power
1.3-60MHz	0.15dB	1000w PEP
100-150MHz	0.25dB	800w PEP
350-500MHz	0.25dB	500w PEP
840-1.4GHz	0.3dB	200w PEP

Isolation: 50dB

CONNECTORS: CFX-4310C

	Output:	Low In:	Mid In:	High In:
	N-Female	PL-259	PL-259	N-Male



CF-142

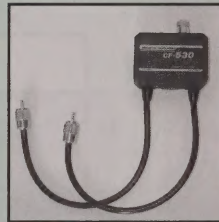
146/220MHz

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	600w PEP
200-480MHz	0.3dB	400w PEP

Isolation: 40dB

CONNECTORS:

	Output:	Low In:	High In:
	SO-239	PL-259	PL-259



CF-530

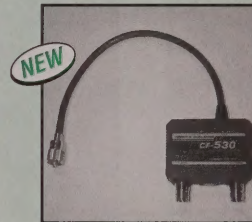
HF/6M/2M-70cm Duplexer For the IC-706/MKII/G FT-100

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	600w PEP
125-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Output:	Low In:	High In:
	SO-239	PL-259	PL-259



CF-530C

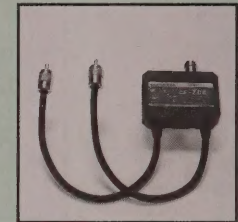
HF/6M/2M - 70cm Duplexer for the FT-8900

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	600w PEP
125-470MHz	0.2dB	600w PEP

Isolation: More than 45dB

CONNECTORS:

	Output:	Low In:	High In:
	PL-259	SO-239	SO-239



CF-706A

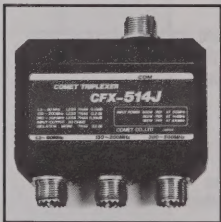
HF/6M/75MHz-70cm Duplexer For the IC-706/MKII/G FT-100

Band Pass	Ins. Loss	Max Power
1.3-57MHz	0.4dB	350w PEP
75-650MHz	0.4dB	350w PEP

Isolation: More than 40dB

CONNECTORS:

	Output:	Low In:	High In:
	SO-239	PL-259	PL-259



CFX-514J

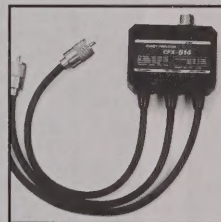
50/146/446MHz

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.15dB	800w PEP
130-200MHz	0.2dB	800w PEP
380-500MHz	0.25dB	500w PEP

Isolation: 55dB

CONNECTORS:

	Output:	Low In:	Mid In:	High In:
	SO-239	SO-239	SO-239	SO-239



CFX-514

50/146/446MHz

Band Pass	Ins. Loss	Max Power
1.3-90MHz	0.2dB	800w PEP
130-200MHz	0.25dB	800w PEP
380-500MHz	0.3dB	500w PEP

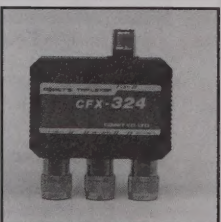
Isolation: 55dB

CONNECTORS:

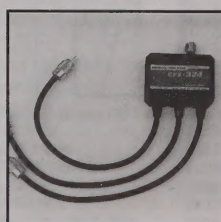
	Output:	Low In:	Mid In:	High In:
	SO-239	PL-259	PL-259	PL-259

CFX-514N: Has an N-Conn on 70cm.

CFX-514D: Same as CFX-514, but with out coax leads.



CFX-324B



CFX-324A

146/220/446MHz Triplexer

Band Pass	Ins. Loss	Max Power
1.3-150MHz	0.2dB	600w PEP
200-320MHz	0.25dB	600w PEP
390-500MHz	0.3dB	600w PEP

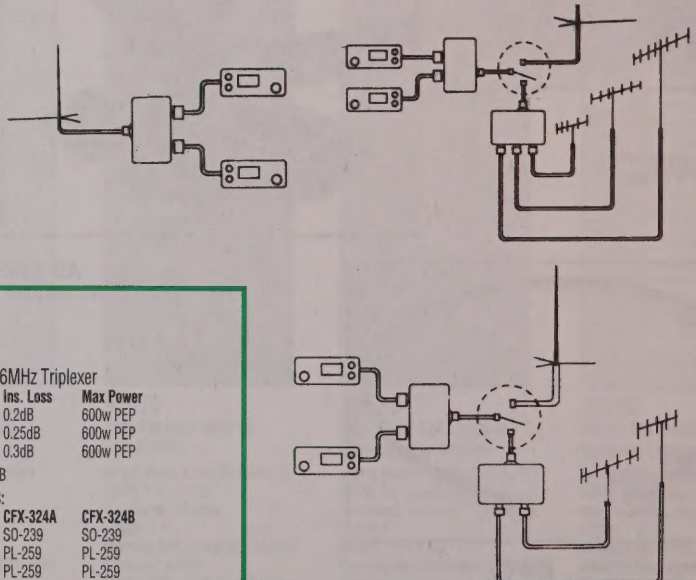
Isolation: 40dB

CONNECTORS:

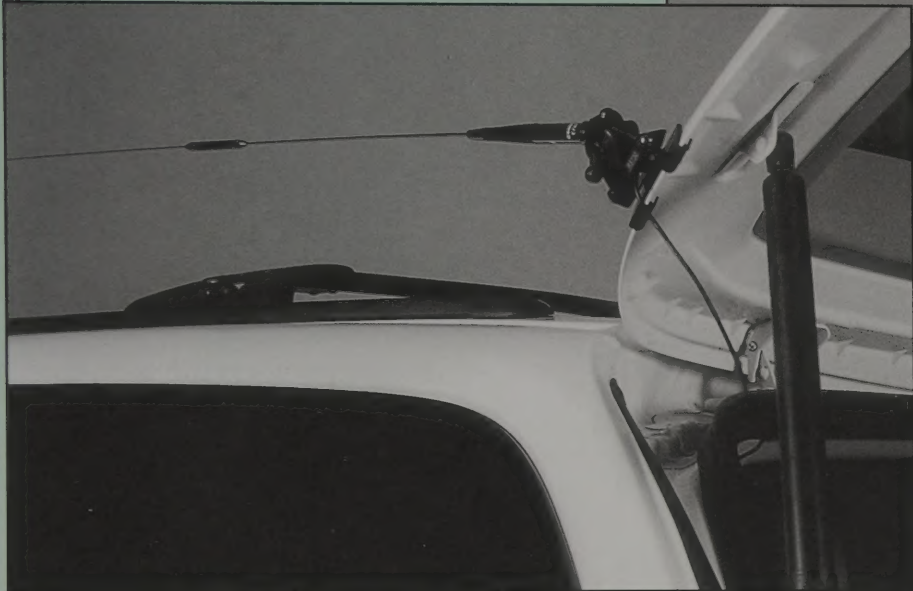
	CFX-324A	CFX-324B
Output:	SO-239	SO-239
Low In:	PL-259	PL-259
Mid In:	PL-259	PL-259
High In:	PL-259	PL-259

DIAGRAMS

The following illustrations demonstrate the wide uses of COMET Duplexers, Triplexers, and Coax Switches. Their high-power capabilities and quality construction will enhance your stations performance.



When mounting an antenna on the rear door of a van/suv/station wagon and other similar vehicle, the door opens as usual. When the door is opened, the antenna lays along the side of the passenger compartment.



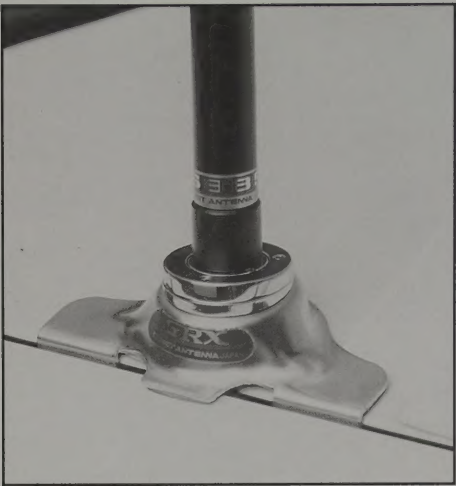
REAR VAN/SUV DOORS

The rear door of a van or SUV, whether cargo or lift back style, is the perfect place to mount a mobile antenna.

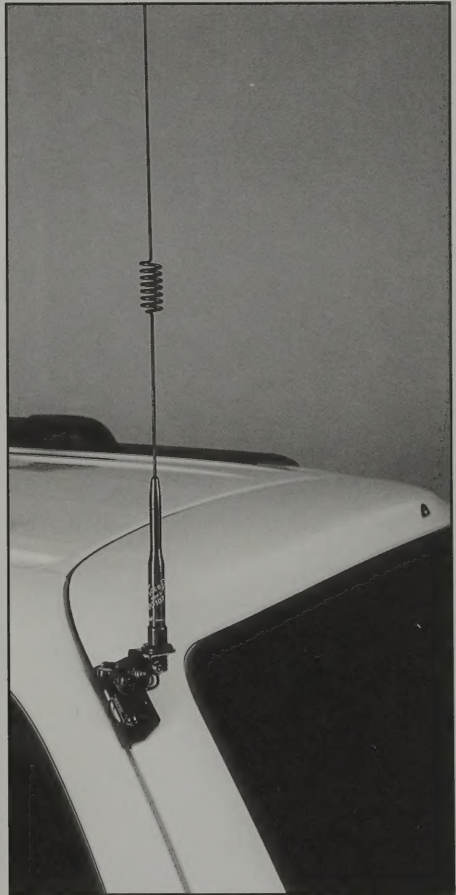
Features:

- The antenna can be located above the roof line for the best radiation pattern.
- It's still easily reached for removal or to use the fold-over hinge.
- NO HOLES TO DRILL!

Simply choose the mount and cable from page 11 and mount it as shown here.



The GR-5M mount is all stainless steel and looks great! Easily adjusts to vertical and won't scratch the paint. 4 large set screws ground the mount and hold it in place. Comes with 16 feet 9 inches of coax including 18 inches of RG-188A/U for entry through the weather seal without causing any problems.



This photo illustrates the CP-5M universal mount and cable assembly and EX-107B dualband antenna. The EX-107b antenna is only 29 inches tall with a flexible open coil. The mounting location is above the roof-line for improved radiation pattern. The antenna is easily reached for removal or to rotate the ratchet style lock to fold-over the antenna, and there are no holes to drill.

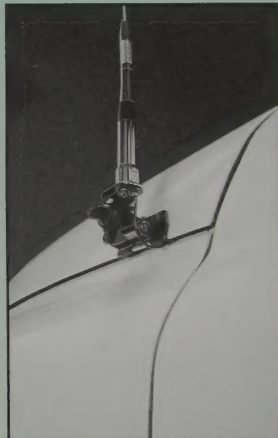
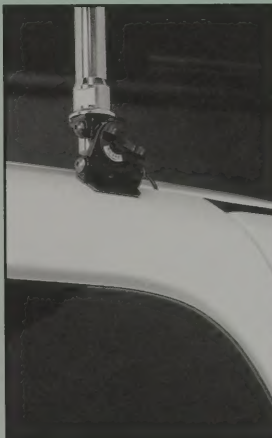


This is the famous B-10NMO. Although it appears to be a cellular phone antenna, it's actually an excellent 2M/440MHz dualbander. For around town, this antenna can't be beat.

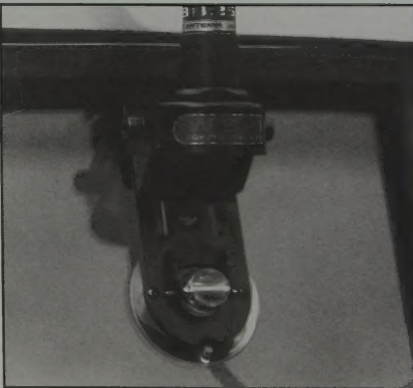
NOTE: If you're going to drill a hole in your vehicle, use the NMO style mount. It's easy to install and waterproof. If you DO NOT want to drill a hole, there are many more UHF (PO) style mounts to choose from.

EXTENDED CAB TRUCK OWNERS

The rear passenger door is a great place to mount an antenna. It's within reach, out of the way and places the antenna above the roof-line. Choose the mount and cable length from page 11 and attach the mount either on the side or top of the door. Or, use the same mount to attach an antenna to the hood. As long as the hood is 1/4 inch thick or less, the mount will slide over the edge and tighten down with set screws.



The WS-1M is a heavy-duty window mount that will hold a gain antenna up to 45" in height. It slips over the edge of either a roll-up or pop-out window. Two suction cups hold the bracket and coax snugly to the window. The problem with most window mounts is they have a BNC connector for a 1/4 wave rubber duck. A 1/4 wave must be grounded to work well. The WS-1M will hold a 1/2 wave antenna, which is independent of the ground plane. It has adjustments for height and angle and has Comet's two-step cable assembly. It works great with non-metal cars and is portable for rental cars, company vehicles, etc.



COMET™



NCG Companies

1275 North Grove Street

Anaheim, CA 92806

(800) 962-2611

(714) 630-4541

FAX (714) 630-7024

www.natcommgroup.com

© Entire Contents Copyrighted 10-88 Summer 2003



Maldol



DISTRIBUTED BY:

NCG COMPANY LTD. U.S. DISTRIBUTOR FOR COMET • DAIWA • MALDOL



NCG Companies
1275 North Grove Street
Anaheim, CA 92806